IN THE CLAIMS

- 1. (Currently Amended) A composition comprising about 8 to about 10-9.75 wt% molybdenum, about 2.8 to about 6 wt% aluminum, up to about 2 wt% vanadium, up to about 4 wt% niobium, with the balance being titanium, wherein the weight percents are based on the total weight of the alloy composition.
 - 2. (Original) The composition of Claim 1, wherein the composition is cold worked.
- 3. (Original) The composition of Claim 2, wherein the composition, after cold working, has an elastic recovery of greater than or equal to about 75% of the applied change in length when the applied change in length is 2% of the original length.
- 4. (Original) The composition of Claim 2, wherein the composition, after cold working, has an elastic recovery of greater than or equal to about 85% of the applied change in length when the applied change in length is 2% of the original length.
- 5. (Original) The composition of Claim 2, wherein the composition, after cold working, has an elastic recovery of greater than or equal to about 50% of the applied change in length when the applied change in length is 4% of the original length.
- 6. (Original) The composition of Claim 2, wherein the composition, after cold working, has an elastic recovery of greater than or equal to about 75% of the applied change in length when the applied change in length is 4% of the original length.
- 7. (Original) The composition of Claim 2, wherein the composition, after cold working, has a reduction in the elastic modulus of greater than or equal to about 10% when

compared with the elastic modulus of an equivalent heat treated composition.

- 8. (Original) The composition of Claim 2, wherein the composition, after cold working, has a reduction in the elastic modulus of greater than or equal to about 20% when compared with the elastic modulus of an equivalent heat treated composition.
- 9. (Original) The composition of Claim 2, wherein the composition, after cold working, has a reduction in the elastic modulus of greater than or equal to about 25% when compared with the elastic modulus of an equivalent heat treated composition.
- 10. (Original) The composition of Claim 1, wherein the composition exhibits an elastic recovery of greater than or equal to about 50% of the applied change in length when the applied change in length is 4% of the original length.
- 11. (Original) The composition of Claim 9, wherein the composition has a β phase or an α phase and a β phase.
- 12. (Original) The composition of Claim 11, further comprising solution treating the composition.
- 13. (Original) The composition of Claim 1, wherein the composition is cold worked and shows an elastic recovery of greater than or equal to about 75% of the initial strain when elastically deformed to a 2% initial strain.
- 14. (Original) The composition of Claim 1, wherein the composition is cold worked and shows an elastic recovery of greater than or equal to about 50% of the initial strain when elastically deformed to a 4% initial strain.
 - 15. (Original) An article manufactured from the composition of Claim 1.

- 16. (Original) A composition comprising about 8.9 wt% molybdenum, about 3.03 wt% aluminum, about 1.95 wt% vanadium, about 3.86 wt% niobium, with the balance being titanium.
 - 17. (Original) The composition of Claim 16, wherein the composition is cold worked.
- 18. (Original) The composition of Claim 16, having an elastic recovery of greater than or equal to about 75% of the applied change in length when the applied change in length is 2% of the original length.
- 19. (Original) The composition of Claim 16, having an elastic recovery of greater than or equal to about 50% of the applied change in length when the applied change in length is 4% of the original length.
- 20. (Original) The composition of Claim 16, wherein the composition, after cold working, has a reduction in the elastic modulus of greater than or equal to about 10% when compared with the elastic modulus of an equivalent heat treated composition.
- 21. (Original) A composition comprising about 9.34 wt% molybdenum, about 3.01 wt% aluminum, about 1.95 wt% vanadium, about 3.79 wt% niobium, with the balance being titanium.
 - 22. (Original) The composition of Claim 21, wherein the composition is cold worked.
- 23. (Original) The composition of Claim 21, having an elastic recovery of greater than or equal to about 50% of the applied change in length when the applied change in length is 4% of the original length.

- 24. (Original) The composition of Claim 21, having an elastic recovery of greater than or equal to about 75% of the applied change in length when the applied change in length is 2% of the original length.
- 25. (Original) The composition of Claim 21, wherein the composition, after cold working, has a reduction in the elastic modulus of greater than or equal to about 10% when compared with the elastic modulus of an equivalent heat treated composition.
 - 26. (Withdrawn) A method for making an article comprising:

cold working a shape from a composition comprising about 8 to about 10 wt% molybdenum, about 2.8 to about 6 wt% aluminum, up to about 2 wt% vanadium, up to about 4 wt% niobium, with the balance being titanium, wherein the weight percents are based on the total weight of the alloy composition;

solution heat treating the shape; and cooling the shape.

- 27. (Withdrawn) The method of Claim 26, wherein the solution heat treating is conducted at a temperature below the isomorphic temperature for the composition.
- 28. (Withdrawn) The method of Claim 26, wherein the solution heat treating is conducted at a temperature above the isomorphic temperature for the composition.
 - 29. (Withdrawn) The method of Claim 26, wherein the cooling is conducted in air.
- 30. (Original) The method of Claim 26, wherein the shape is further heat aged at a temperature of about 350 to about 550°C.
- 31. (Withdrawn) The method of Claim 30, wherein the heat ageing is conducted for a time period of 10 seconds to about 30 minutes.

32. (Withdrawn) A method comprising:

cold working a wire having a composition comprising about 8 to about 10 wt% molybdenum, about 2.8 to about 6 wt% aluminum, up to about 2 wt% vanadium, up to about 4 wt% niobium, with the balance being titanium, wherein the weight percents are based on the total weight of the alloy composition;

solution treating the wire; and heat treating the wire.

- 33. (Withdrawn) The method of Claim 32, wherein the cold working results in a reduction in cross-sectional area of about 5 to about 85%.
- 34. (Withdrawn) The method of Claim 32, wherein the wire diameter is about 0.1 to about 10 millimeters.
- 35. (Withdrawn) The method of Claim 32, wherein the heat treating is conducted at a temperature of about 500°C to about 900°C.
- 36. (Withdrawn) The method of Claim 32, wherein the wire is solution treated at a temperature of about 800 to about 1000°C.
- 37. (Original) The method of Claim 32, wherein the article has a β phase or an α phase and a β phase.
- 38. (Withdrawn) The method of Claim 32, wherein the article has an elastic recovery of greater than or equal to about 75% of the applied change in length when the applied change in length is 2% of the original length.

39. (Withdrawn) The method of Claim 32, wherein the article has an elastic recovery of greater than or equal to about 50% of the applied change in length when the applied change in length is 4% of the original length.